

Permit No. **13001**
Yuba City Cogeneration, L.P.

Effective: November 8, 2001
Expiration : November 7, 2006

Feather River Air Quality Management District

Serving the Counties of Yuba and Sutter
938 14th Street, Marysville, CA 95901
(530) 634-7659 * FAX 634-7660 * Burn Information 741-6299

Steven A. Speckert
Air Pollution Control Officer

TITLE V OPERATING PERMIT Permit Number: 13001

ISSUED TO:

Yuba City Cogeneration Partners, L.P.
650 Bercut Drive, Suite C
Sacramento, CA 95814

PLANT SITE LOCATION:

Yuba City Cogeneration
873 North Walton Avenue
Yuba City, CA 95993

Reviewed By:

David A. Valler, Jr., Air Quality Engineer

Date

Issued By:

Steven A. Speckert, Air Pollution Control Officer

Date

PROPOSED May 18, 2001

EFFECTIVE November 8, 2001

EXPIRATION November 7, 2006

Nature of Business:
SIC CODE:

Power Production
4911

Responsible Official:

Name: Harold E. Dittmer
President, Yuba City Cogeneration, L.P.
Phone: (916) 447-5171

Site Contact Person:

Name: Steven M. Peters
Title: Plant Manager

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I. GENERAL REQUIREMENTS AND CONDITIONS

A. Term

This permit to operate shall be valid for a term of five years from the date of issuance. Permit expiration terminates the stationary source's right to operate unless a timely and complete Title V permit application for renewal has been submitted. [Rule 10.3 F.2.o.]

B. Payment of fees

1. Except as provided in condition B.2. the permittee shall pay an annual supplemental fee for a permit to operate pursuant to Rule 10.3 G as determined by the calculation method in Rule 10.3 G.3, to meet an overall fee rate of \$25 per ton of fee-based potential emissions (CPI adjusted). [Rule 10.3 G; 40 CFR Part 70.9(b)(2)(i)]
2. There shall not be a supplemental annual fee if the total annual fee rate paid by the source under Regulation VII and H&SC section 44380 (AB 2588 Toxic Hot Spots) equals or exceeds \$25 per ton of fee-based potential emissions (CPI adjusted). Only those AB 2588 Toxic Hot Spots fees that fund direct and indirect costs associated with activities related to the operating permits program as specified in section 502(b)(3)(A) of the CAA are to be used to meet the overall fee rate of \$25 per ton of fee-based potential emissions (CPI adjusted). [Rule 10.3G.2.; 40 CFR Part 70.9(b)(1)]

C. Right of Entry

The Feather River Air Quality Management District, the Executive Officer of the California Air Resources Board, the EPA Regional Administrator and/or their authorized representatives, upon the presentation of credentials, shall be permitted: [P.O. 13001 i); CH&S Code §41410, Rule 10.3 F.2.J]

- a. To enter upon the premises where the emission source is located or in which any records are required to be kept under the terms and conditions of this permit;
- b. At mutually agreed upon times to have access to and copy any records required to be kept under terms and conditions of this permit;
- c. To inspect any equipment, operation, or method required in this permit; and
- d. To obtain samples from the emission source or require samples to be taken.

D. Severability

If any provision, clause, sentence, paragraph, section or part of these conditions for any reason is judged to be unconstitutional or invalid, such judgment shall not affect or invalidate the remainder of these conditions. [PO 13001 d; Rule 10.3 F.2. m, Rule 1.2]

E. Circumvention

A person shall not build, erect, install, or use any article, machine, equipment or other contrivance, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission which would otherwise constitute a violation of the Health and Safety Code of the State of California or of these Rules and Regulations. This Rule shall not apply to cases in which the only violation involved is of Section 41700 of the Health and Safety Code of the State of California. [Rule 3.13]

F. Need To Halt Or Reduce Activity Not A Defense

The permittee shall not use the "need to halt or reduce a permitted activity in order to maintain compliance" as a defense for non-compliance with any permit condition. [Rule 10.3 F.2.k; 40 CFR 70.6 (a)(6)(ii)]

G. Modification, Revocation, Reopening for Cause

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated non-compliance does not stay any permit condition. [PO 13001 c; Rule 10.3 E. 8; 10.3 F.2.k., 40 CFR 70.6(a)(6)(iii)]

H. Information and Records Submittal

1. Within 30 days, or longer provided the APCO concurs, the permittee shall furnish any Information requested by the APCO, in writing, for the purpose of determining: [10.3 F.2.k.6.]
 - a) Compliance with the permit; or
 - b) Whether or not cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.
2. Upon request the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit, or for information claimed to be confidential, the permittee may furnish such records along with a claim for confidentiality. [Rule 10.3 F 2 k., 40 CFR 70.6(a)(6)(v)]

I. Compliance

The permittee shall comply with provisions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial for a permit renewal application. [10.3 F.2.k (40 CFR 70.6(a)(6)(i)]

J. Property Rights

This permit does not convey property rights or exclusive privilege of any sort. [Rule 10.3 F.2.k; 40 CFR 70.6 (a)(6)(iv)]

K. Duty to Apply for Renewal

The permittee shall submit a standard District application for renewal of the Title V permit, no earlier than 18 months and no later than six months before the expiration date of the current permit to operate. [10.3 D.2.b. 40 CFR 70.5(a)(1)(iii)]

L. Emergency Provisions

1. *Definition.* An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. [Rule 10.3 F.2.l, 40 CFR 70.6(g)(1)]
2. *Effect of an emergency.* An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the reporting requirements of condition V.A.2. of this permit are met. [40 CFR 70.6(g)(2)]
3. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - a) An emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - b) The facility was at the time being properly operated;
 - c) During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
 - d) The permittee submitted notice of the emergency to the permitting authority as required in Section V of this permit. [Rule 10.3 F.2.l.2, 40 CFR 70.6(g)(3)]
4. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof. [Rule 10.3 F.2.l.3., 40 CFR 70.6(g)(4)]

M. Reserved

II. EMISSION LIMITATIONS AND OPERATING REQUIREMENTS

A. Facility-Wide General Operating Requirements

1. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate all equipment, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. [PO 13001 g; 40 CFR 60.11(d)]
2. Sampling Facilities [P.O. 13001 v; 40 CFR 60.8(e)]
 - a) The permittee shall provide source testing ports, platforms, and access ladders which conform to the California Air Resources Board and Occupational Health and Safety administration standards
 - (1) Safe sampling platform(s),
 - (2) Safe access to sampling platform(s),
 - (3) Utilities for sampling and testing equipment; and
 - (4) Sampling ports adequate for test methods applicable to such facility. This includes constructing the air pollution control system such that volumetric flow rates and pollutant emission rates can be accurately determined by applicable test methods and procedures and providing a stack or duct free of cyclonic flow during performance tests, as demonstrated by applicable test methods and procedures.
3. Unless otherwise specified in this permit, the permittee shall not discharge into the atmosphere from any source whatsoever any contaminant, other than uncombined water vapor, for a period or periods aggregating more than three (3) minutes in any one (1) hour which is: [Rule 3.0]
 - a) As dark or darker in shade as that designated as No. 2 (or 40% opacity) on the Ringelmann Chart, as published by the United States Bureau of Mines; or
 - b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subsection (a).
4. The permittee shall take reasonable precautions not to cause or allow emissions of fugitive dust beyond the property line from any construction, handling or storage activity, or any wrecking, excavation, grading, clearing of land or solid waste disposal operation. [Rule 3.16 C]
5. Any container of solvent which exceeds 55 gallons capacity shall be covered when not in use and shall be labeled with an instruction to store in a closed condition. [Rule 3.14]

B. LM-5000 Turbine, John Zink Duct Burner, HRSG (S-1)

1. Steam injection shall be used to reduce emissions of nitrogen oxides from the gas turbine. [ATC; 13001 BACT Determination]
2. The turbine/duct burner operations are authorized for operation up to 24 hours/day, 7 days/week, not to exceed 6862 hours per year based on a 365 day rolling average. [PO 13001 m]
3. The owner or operator shall not discharge or cause the discharge into the atmosphere from turbine and duct burner, gases that exceed the following limits. [PO 13001 r]

Turbine and Duct Burner Emission Limitations*

Pollutant	lbs/hr	ppmv	lbs/day
ROG	5	--	120
NOx (as NO ₂)	53	29	1272
SOx	0.33	--	8
CO	34	--	816
PM	3.8	--	92

* All values are calculated on a dry basis and the pollutant concentration values are corrected to 15 percent oxygen (O₂). All emission limits shall be measured on a 3-hr average (an average of three one hour tests) for the purpose of annual source testing and 3-hour rolling average for continuous monitoring.

4. The following calendar quarter and annual emissions are authorized:

Pollutant	Q1 (lbs)	Q2 (lbs)	Q3 (lbs)	Q4 (lbs)	tons/yr
ROG	10,800	10,920	11,040	11,040	17.1
NOx (as NO ₂)	114,480	115,752	117,024	117,024	181.8
SOx	713	721	729	729	1.1
CO	73,440	74,256	75,072	75,072	116.7
PM	8,208	8,299	8,390	8,390	13.0

5. Excess emissions shall be defined as:
 - a) any consecutive 3-hour period during which the average emissions as measured by the continuous monitoring system or alternate method, exceeds the emission limits set for each pollutant in Condition 3 above. [PO 13001 r]
 - b) Excess emissions indicated by the CEM system or alternate method shall be considered violations of the applicable emission limit for the purposes of this permit, except during periods of start-up and shutdown as defined in condition II.B.6, and upset/breakdown conditions if reported to the District, and considered as qualifying upset/breakdown conditions. [PO 13001 r.]

6. Excess emissions during periods of startup and shutdown shall not be a violation provided excess emissions are recorded as required in section IV.B. of this permit, and the following limits shall apply: [PO 13001 I.]
 - a) The time interval for a startup shall not exceed ninety (90) minutes after initiation of fuel gas feed to the turbine.
 - b) The time interval for a shutdown shall not exceed forty-five (45) minutes preceding fuel gas feed cutoff to the turbine.

C. Compressor

1. The Caterpillar; Model 198 HCTA; Serial # 68B172; 635 BHP @ 1200 rpm ICE is to be operated for a time period not to exceed 1000 hours per calendar year. [PO 13001 t]

D. Cooling Tower

1. The Permittee shall not use or allow the use of hexavalent chromium containing compounds in the treatment of cooling tower circulating water. [Rule 11.3, §c.1, 40 CFR 63.400]

III. MONITORING AND PERFORMANCE TESTING

A. Continuous Emission Monitoring (S1)

1. The permittee shall install, maintain and operate the following continuous monitoring systems in the. exhaust stack of the heat recovery steam generator: [PO 13001 x.]
 - a) A continuous monitoring system to measure stack gas NO_x concentrations. The system shall meet EPA monitoring performance specifications (40 CFR 60.13 and 40 CFR 60, Appendix B, Performance Specification 2).
 - b) A continuous monitoring system to measure stack gas O₂ concentrations. The system shall meet EPA monitoring performance specifications (40 CFR 60, Appendix B, Performance Specification 3). [PO 13001 w.2.]
 - c) A continuous monitoring system to measure stack gas CO concentrations. The system shall meet EPA monitoring performance specifications (40 CFR Part 60 Appendix B. specification 4. [PO 13001 w.3.]
2. A quality assurance/quality control (QC) program for the CEM system shall be developed and maintained. At a minimum, the plan shall conform to Appendix F to 40 CFR Part 60. [40 CFR 60.13(a)]
3. A Relative Accuracy Test Audit (RATA) shall be conducted at least once every year. The RATA for the NO_x monitor shall be conducted in accordance with 40 CFR Part 60 Appendix B. performance specification 2. section 7. The RATA for O₂ monitors shall be conducted in accordance with 40 CFR Part 60 Appendix B. performance specification 3. section 3. The RATA for CO monitors shall be conducted in accordance with 40 CFR Part 60 Appendix B. performance specification 4. section 3. [Appendix F 40 CFR 60]
4. A Cylinder Gas Audit (CGA) shall be conducted in three of four calendar quarters, but need not be performed in the same quarter as a RATA. The CGA shall be conducted in accordance with 40 CFR Part 60 Appendix F. Section 5.1.2 [Appendix F 40 CFR 60]
5. All audit gases shall have been certified by comparison to National Bureau of Standards (NBS) Standard Reference Materials or NBS/EPA Certified Reference Materials. Documentation shall be made available to the District upon request containing gas calibration standard information, including an identification number corresponding to the gas cylinder number, gas mixture constituents and concentrations, and gas cylinder fill and expiration dates. If a gas cylinder expiration date is not provided by the gas vendor a two (2) year expiration date from the cylinder fill date shall apply. Gas calibration standards in use beyond the expiration date will be considered a violation of this permit. [PO 13001 x; Appendix F to 40 CFR 60]

B. Performance Source Tests (S-1 and S-3)

1. An emissions source test shall be conducted on the facility every other year or sooner if required by the District, and, except as provided in this permit, shall conform to EPA or CARB methodology and procedures. Reference test methods are incorporated by reference to §94101 et. seq Title 17 California Code of Regulations, Appendix A to 40 CFR Part 60, and Appendix M to 40 CFR Part 51. [PO 13001 u]
 - a) Any deviation from these requirements shall first be approved by the District.
 - b) A source test protocol shall be submitted to the District at least thirty days prior to the scheduled test date.
 - c) The District shall be notified at least ten days prior to any scheduled source test.
 - d) The results of the source test shall be submitted to the District within sixty days following testing.
2. The facility HRSG stack shall be source tested at maximum operating capacity to determine the emission rates (lb/hour), and concentrations corrected to 15% oxygen, of the following pollutants: total organic gas (TOG), oxides of nitrogen (NO_x), and carbon monoxide (CO). Testing for total particulate matter (PM), or particulate matter of 10 microns and less (PM₁₀) shall be optional, at the discretion of the District. The oxides of sulfur (SO_x) emissions may be determined by mass balance equations. Facility operating parameters under which the test is conducted shall be reported in the test results. [PO 13001 w]
3. Each performance test shall consist of three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic means of results of the three runs shall apply. In the event that a sample is accidentally lost or conditions occur in which one of the three runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other circumstances, beyond the owner or operator's control, compliance may, be determined using the arithmetic mean of the results of the two other runs. [40 CFR 60.8(f)]

C. Additional Monitoring Required

1. The permittee shall determine flow rates from the HRSG stack based on the amount of fuel burned, water injected, excess oxygen, or other monitored parameters based on methods approved by the District.
2. ASTM D 1072–80, D 3031–81, D 4084–82, or D 3246–81 shall be used for the sulfur content of gaseous fuels (incorporated by reference—see §60.17). [40 CFR 60.335(d)]

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3. The Permittee shall maintain all logs that include date and hours of operation" as called out in PO13001Y and shall make the log available for inspection upon request. [PO 13001 y]

IV. RECORDKEEPING REQUIREMENTS

A. General Requirements

1. Records shall be maintained of all monitoring and support information required by any applicable federal requirement, including: [Rule 10-3.F.2.f.; 40 CFR 70.6(a)(3)(ii)]
 - a) Date, place, and time of sampling;
 - b) The date(s) analyses were performed;
 - c) The company or entity that performed the analyses;
 - d) The analytical techniques or methods used;
 - e) Operating conditions at the time of sampling; and
 - f) Results of the analysis.
2. The permittee shall retain, and make available to the District staff upon request, records and logs of: [PO 13001 y; 40 CFR 70.6(a)(3)(ii))(B)]
 - a) all data generated by the continuous monitors; and
 - b) the date and hours of operation of the emergency compressor's internal combustion engine; and
 - c) support information. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
3. Records shall be retained for at least five years from the date of sample collection, measurement, report, or application. [PO 13001 y; Rule 10-3F.2.f.2.; 40 CFR 70.6(a)(3)(ii))(B)]

B. Startup Shutdown Malfunction and Emergency Provisions Records

1. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is in-operative. [40 CFR 60.7(b)]
2. In the event of a breakdown malfunction or other emergency the permittee shall retain properly signed, contemporaneous operating logs, or other relevant evidence that: [Rule 10.3 F.2.I.2.e., 40 CFR 70.6(g)(2).]

- a) An emergency occurred;
- b) The permittee identified the cause(s) of the emergency;
- c) The facility was being properly operated at the time of the emergency;
- d) The permittee took all reasonable steps to minimize the emissions resulting from the emergency event.

V. REPORTING REQUIREMENTS

A. Notification and Reporting of Emergency

1. The District and U.S. EPA shall be notified within 48 hours of any deviation from permit requirements including those attributable to upset or breakdown conditions. Within fifteen (15) calendar days after an upset or breakdown condition, the permittee shall submit a written report to the District, including the following: [PO 13001 aa. Rule 10.3 F.2.g. 40 CFR 70.6(a)(3)(iii)(B)]
 - a) A Description of malfunctioning equipment or abnormal operation.
 - b) The date of initial failure and the date normal operations were resumed.
 - c) Duration of excess emissions.
 - d) An estimate of quantity of excess emissions.
 - e) A statement of the cause of the failure.
 - f) Methods used to restore normal operations.
2. In order to establish an affirmative defense for any permit deviation resulting from upset, breakdown, malfunction or other emergency, the permittee, shall submit within fifteen (15) calendar days, contemporaneous operating logs, or other relevant evidence demonstrating that: [Rule 10.3 F.2.I.2., 40 CFR 70.6(g)(2).]
 - a) An emergency occurred;
 - b) The permittee identifies the cause(s) of the emergency;
 - c) The facility was being properly operated at the time of the emergency;
 - d) The permittee took all reasonable steps to minimize the emissions resulting from the emergency event; and
 - e) In any enforcement proceeding, the permittee has the burden of proof for establishing that an emergency occurred.

B. Excess Emissions and Monitoring Report

1. The permittee shall submit a written report of all excess emissions to the District and EPA (Attn: A-3-3) for every calendar quarter. The report shall include the following: [PO 13001 h; 40 CFR 60.7(c).]

- a) The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h), any conversion factor(s) used, and the date and time of commencement and completion of each time period of excess emissions.
- b) Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the cogeneration facility. The nature and cause of any malfunction (if known) and the corrective action taken or preventative measures adopted shall also be reported.
- c) The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments.
- d) When no excess emissions have occurred or the continuous monitoring system has not been inoperative, repaired, or adjusted, such information shall be stated in the report.

C. Provisions for Reduced Reporting Frequency for Excess Emissions [40 CFR 60.7(e)]

- 1. Notwithstanding the frequency of reporting requirements specified in paragraph B of this section, the permittee may reduce the frequency of reporting to semiannual without applying for a permit modification if the following conditions are met:
 - a) For 1 full year (e.g., 4 quarterly reporting periods) the affected facility's excess emissions and monitoring systems reports submitted to comply with a standard under this part continually demonstrate that the facility is in compliance with the applicable standard;
 - b) The owner or operator continues to comply with all recordkeeping and monitoring requirements specified in this subpart and the applicable standard; and
 - c) The permit authority does not object to a reduced frequency of reporting for the affected facility, as provided in paragraph (2) of this section.
- 2. The frequency of reporting of excess emissions and monitoring systems performance (and summary) reports may be reduced only after the owner or operator notifies the permit authority in writing of his or her intention to make such a change and the permit authority does not object to the intended change. In deciding whether to approve a reduced frequency of reporting, the permit authority may review information concerning the source's entire previous performance history during the required recordkeeping period prior to the intended change, including performance test results, monitoring data, and evaluations of conformance with operation and maintenance requirements. Such information may be used by the Administrator to make a judgment about the source's potential for noncompliance in the future. If the permit authority disapproves the permittee's request to reduce the frequency of reporting, the permit authority will notify the permittee in writing within 45 days after receiving notice of the permittee's intention. The notification from the permit authority to the

owner or operator will specify the grounds on which the disapproval is based. In the absence of a notice of disapproval within 45 days, approval is automatically granted.

D. Additional Quarterly Reporting

1. Yuba City Cogeneration shall provide a quarterly report to the District in a format determined in consultation with the District and Yuba City Cogeneration. The quarterly report shall include the following: [PO 13001 z]
 - a) emissions data from all continuous monitors
 - b) maintenance on the gas turbine, duct burner and air pollution equipment
 - c) operating hours and fuel use of the gas turbine and duct burner including the steam injection rate to the gas turbine
 - d) electric and steam production rates

E. Annual Compliance Certification

1. The owner or operator shall submit a compliance certification to the U.S. EPA and the APCO every 12 months; [Rule 10-3 F.2.n.; 40 CFR 70.6(b)(5)]
 - a) The compliance certification shall include the identification of each term or condition of the permit that is the basis of the certification, and the means of determining compliance with the term or condition;
 - b) The compliance certification shall include the compliance status and method(s) used to determine compliance for the current time period and over the entire reporting period; and
 - c) The compliance certification shall include any additional inspection, monitoring, or entry requirement that may be promulgated pursuant to sections 114(a) and 504(b) of the CAA.

F. Certification of Reports

1. All required reports shall be accompanied by a written statement from the responsible official that certifies the truth, accuracy, and completeness of the report. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. [Rule 10-3 D.3.a.13; 40 CFR 70.5(d)]

G. Nonroutine Reporting

1. A notification of the date construction (or reconstruction as defined under §60.15) of an affected facility is commenced postmarked no later than 30 days after such date. [40 CFR 60.7(a)(1)]

2. A notification of the anticipated date of initial startup of an affected facility postmarked not more than 60 days nor less than 30 days prior to such date. [40 CFR 60.7(a)(2)]
3. A notification of the actual date of initial startup of an affected facility postmarked within 15 days after such date. [40 CFR 60.7(a)(3)]
4. A notification of the date upon which demonstration of the continuous monitoring system performance commences in accordance with §60.13(c). Notification shall be postmarked not less than 30 days prior to such date. [40 CFR 60.7(a)(5)]

VI. LOCALLY ENFORCEABLE CONDITIONS

The conditions in this section are based on conditions contained in previous locally issued operating permit, rules and regulations that are not part of the State Implementation Plan or federally enforceable standards. Pursuant to 40 CFR 70.6(b)(2), the rules of this section are enforceable by local permit authorities and shall not be enforceable by U.S. EPA or any citizen. This section is exempt from compliance certification requirements of 40 CFR 70.6, and administrative requirements for permit issuance and permit review of 40 CFR 70.7 and 70.8 (See permit condition VII.D.).

1. Operating staff of the subject facility shall be advised of and familiar with all conditions contained herein. [PO 13001 j]
2. The District reserves the right to require the permittee to reevaluate the health risk, in accordance with the Emission Inventory Criteria and Guidelines Regulation if there is a significant change in population, emissions or new health data becomes available.
3. The operation of portable equipment at the facility shall not require modification of this permit provided that the permittee verifies that the portable source is registered with CARB in accordance with CCR Title 13, Article 5 §2450 - 2465.
4. This permit, or a readable reproduction, shall be posted in a conspicuous location at the source for which it was issued.

VII. OPERATING PERMIT ISSUANCE, REOPENINGS, AND REVISIONS

A. Administrative Permit Amendments

1. The following shall be allowed as an Administrative Permit Amendment. [Rule 10.3 B.2., 40 CFR 70.7(d)]
 - a) Changes that correct a typographical error;
 - b) Permit amendments that identify a minor administrative change at the stationary source; for example, a change in the name, address, or phone number of any person identified in the permit;
 - c) A change that requires more frequent monitoring or reporting by a responsible official of the stationary source; or
 - d) Transfers in ownership or operational control of a stationary source, provided that, prior to the transfer, the APCO receives a written agreement which specifies a date for the transfer of permit responsibility, coverage, and liability from the current to the prospective permittee; and provided the applicant shall notify the succeeding owner and operator of the existence of this permit by letter, a copy of which shall be forwarded to the Feather River AQMD. [PO 13001 d; Rule 4.15]
 - e) Any amendments that incorporate into the operating permit the requirements from an Authority to Construct issued in compliance with FRAQMD Rule 10.1; provided that such amendments that would constitute a significant permit modification as defined in condition III.B.1, shall fully comply with notification and review procedures of Rule 10.3 E1, E3, E4 and E5 prior to the issuance of any preconstruction permit. [Rule 10.3 §§ E1-E5; 40 CFR 70.7(d)(1)(v) ; 40 CFR 70.7, 70.8]
2. For an administrative permit amendment, the permittee may implement the changes addressed in the request for an administrative permit amendment immediately upon submittal of the request provided that any preconstruction permit that may be required pursuant to Rules 4.0 or 10.1 has been issued by the APCO. [Rule 10.3 D.4.a; 40 CFR 70.7(d)(3)(iii)]

B. Significant Permit Modification

1. A significant permit modification is any modification of this permit that involves any modification identified under Rule 10.3 section B.27 including every significant change in existing monitoring, permit terms or conditions and every relaxation of reporting or recordkeeping, permit terms that allow a source to avoid an applicable federal requirement. [Rule 10.3 §B.27; 40 CFR 70.7(b)(4)]
2. Except as provided in Condition A. 1. e. of this section, The permittee shall submit a standard District application in accordance with Rule 10.1 §401 for each emissions unit affected by a proposed permit revision that qualifies as a significant Title V permit modification. Upon request by the APCO, the permittee shall submit copies of the latest preconstruction permit for each affected

emissions unit. The emissions unit(s) shall not commence operation until the APCO approves the permit modification or as provided in Rule 10.3.D.2.c.2.. [10.3 D.2.c.1.]

C. Minor Permit Modification

1. A minor permit modification is any revision that is not an administrative amendment or a significant permit modifications. The emissions unit(s) shall not commence operation until the APCO approves the permit revision. [Rule 10.3 B.21.]
2. Except as provided by condition A.1.e of this section, after obtaining any required preconstruction permits, the permittee shall submit a standard District application for each emissions unit affected by the proposed permit revision that qualifies as a minor permit modification. The application shall include the following information:
 - a) A description of the proposed permit revision, any change in emissions, and additional applicable federal requirements that will apply;
 - b) Proposed permit terms and conditions; and
 - c) A certification by a responsible official that the permit revision meets criteria for use of minor permit modification procedures and a request that such procedures be used. [Rule 10.3 D.2.d.]

D. Permit Modification for a Condition that is not Federally Enforceable

1. For any permit modification of a condition that is not federally enforceable, an owner or operator shall submit a written request in accordance with the requirements of Regulation IV. [Rule 10.3.d.4.b]

E. Application Content and Correctness of Applications

1. The permittee shall supplement a complete application as outlined in rule 10.3 D.3.a.
2. Upon written request of the APCO the permittee shall be supplement any complete application with additional information within the timeframe specified by the APCO. [Rule 10.3 §D.3.b.1]
3. An owner or operator shall promptly provide additional information in writing to the APCO upon discovery of submittal of any inaccurate information as part of the application or as a supplement thereto, or of any additional relevant facts previously omitted which are needed for accurate analysis of the application. [Rule 10.3 §D.3.b.2.]
4. Intentional or negligent submittal of inaccurate information shall be reason for denial of an application. [Rule 10.3 §D.3.b.3.]

VIII. FACILITY EMISSION UNITS AND EQUIPMENT LISTS:

A. Insignificant Emissions Units

1. Insignificant emissions units or exempted equipment may be supplemented, replaced or modified with non-identical equipment without notice provided exemption status has not changed as defined in current district or federal rules.
2. The equipment listed in Table 2 is a partial listing of equipment currently identified as exempt pursuant to Rule 4.3, or insignificant and not required to obtain a permit pursuant to Regulation IV of the Feather River Air Quality Management District.

Table 2. Exempted And Insignificant Emissions Units (partial listing)

Source ID	Description	Capacity	Basis of Exemption
E-1	Mobile Equipment (road vehicle)		Rule 4.3 a.
E-2	HVAC equipment		Rule 4.3 d. and e.
E-3	fork lift (nonroad vehicle)		Rule 4.3 a.
E-4	Solvent cleaning tank (Safety Kleen)	30 gallon	Rule 3.14 a.
E-5	2-Ariel Compressor Frame Model JGW/2 natural gas compressors electric drive w/ shell in tube coolers.	850 cfm 675 psi each	Electric
E-6	2-Trane Lithium Bromide Absorption Refrigeration Units	750 tons each	Electric
E-7	2-Atlas Copco Model GA45 Air Compressors	252 cfm at 132 psig each	Electric
E-8	Turbine lube oil tanks (vapor pressure < 1.5 psig)	250 gallon	Rule 3.9 capacity and vapor pressure
E-9	Marley Cooling Tower	5700 gpm	Attachment 1 Rule 10.3 B.3. (<10,000 gpm)

Significant Emissions Unit Information

Each of the sources in Table 3 has been constructed pursuant to issuance of an authority to construct permit in accordance with District Rules 4 and 10.1. Best available control technology has been required to be installed and operated on significant emissions units. Table 3 lists the equipment and operating practices required by application of Regulation IV or Rule 10.1 new source review.

Table 3. Significant permitted sources at Yuba City Cogeneration.

S#	Permit #	Description	Control Device (s)
S-1	13001	Electric Generating Unit: General Electric LM5000 natural gas fired steam injected turbine-generator with JZC Model LDR-II-E 50 MMBTU/Hour duct burner and Henry Vogt Machine Co heat recovery steam generator (HRSG).	Steam injection (NOx) Low sulfur fuel (SOx) Combustion controls (NOx, CO)
S-2	13001	Caterpillar Model 198 HCTA 650 HP Natural Gas Fired Emergency Feed Gas Compressor	Natural gas fuel.